

Figure 1

A

1	10	20	30	40	50	60
MQRAGSSGGR	GECDISGAGR	LGLEEAARLS	CAVHTSPGGG	RRPGQAAGMS	AKERPKGKVI	
70	80	90	100	110	120	
KDSVTLLPCF	YFVELPILAS	SVVSLYFLEL	TDVFKPVHSG	FSCYDRSLSM	PYIEPTQEAI	
130	140	150	160	170	180	
PFLMLLSLAF	AGPAITIMVG	EGILYCLSK	RRNGVGLEPN	INAGGCNFNS	FLRRAVRFVG	
190	200	210	220	230	240	
VHVFGLCSTA	LITDIIQLST	GYQAPYFLTV	CKPNYTSLN	SCKENSYIVE	DICSGSDLTV	
250	260	270	280	290	300	
INSGRKSPFS	QHATLAFAA	VVYSMYFNST	LTDSSKLLKP	LLVFTFIICG	IICGLTRITQ	
310	320	330	340	350	360	
YKNHPVDVYC	GFLIGGGIAL	YLGlyAVGNF	LPSDESMEQH	RDALRSLTDL	NODPNRLLSA	
370	380	390	400	410	420	
KNGSSSDGIA	HTEGILNRNH	RDASSLTNLK	RANADVEIIT	PRSPMGKENH	VTFESNTLEPRA	
430	440	450	460	470	480	
NTPSVEDEPVR	RNASIHASMD	SARSKQLLTO	WKNKNEKRKL	SLOVIEPEPG	QSPPRSIEMR	
490	500	510	520	530	540	
SSSEPSRVGV	NGDHHGPGNQ	YLKIQPGAVP	GCRNSMPGGP	RVSIOQSRPGS	SQVLVHIPEET	
550	560	570	580	590	600	
QENISTSPKS	SSARAKWLKA	AECTVACNRS	NSQPRIMQVI	AMSKQQGVLO	SSPKNTEGST	
610	620	630	640	650	660	
VSCGTGSIQYK	TLTDHEPSGI	VRVEAHPENN	RPIIQIPSTE	GEGSGSWKWK	APEKGSRLQT	
670	680	690	700	710	720	
YELNDLNRDS	ESCESLKDSF	GSGDKRNSNI	DSNEHHHHGI	TTIRVTVEG	SEIGSETLSI	
730	740	750	760			
SSSRDSTLRR	KGNIIILIPR	SNSPENTRNI	FYKGTSPTRA	YKO		

B

AGCTTGGCCGCCAAAGCCTGGATTATTTCTGTCA GTGCAGTCTCACCATG TGGTTTGAGAAATCGCTGTAGAGAACAAC TA

CCAACGGA GTTACTTCATCATCCCATTTTATATTCTTCA GCTTCTCATCTA TGCTTCACAGCTGCTCTCTCTGCTTCTGCTTCA

Q R S Y S I I P C F R F V E L W I M A G C T V L L A Y

PACTTTCAGTCTGACTGACACCTTTTCAGGTGCATATCCA GGATTCTTCTGTCA GGTAGGACCTTAATGAAGCCTTACC

N F E C T D T F Q V H I Q G F F C Q D G D L M K P Y P

GGGGACAGAGGAGGAAAGCTTCACAGGCGCTGCTCTACTGCTGTCTTGCTGCTCCACCCCAACTGCTATTATTTTCA

G T E E E S F R S P L V L Y G V L A A T P T A T R R F R

TGCTGAATAATCTATGTATTTCATAAAGTCAACAAGGGAGTCCCTGATGCTGTAGGAGAAAATGATCCTGACGGGGGAC

G E I S M Y F I K S T R E S L I A E E K M I L T G D

FGCTGTCACTTGAGCCCCCTTACTCCGAAGATCGTCAGGCTTCATCGGCTATTTCGACTTTTCTCTACTACAT

C C Y L S P L L R R I V R F R G V F A F G H F A T D I

TTTTGTAAAGCGCGCGCAAGTAGTCTACTGTTCACCTAACACCGTACTTCTGTACAGTGTGCCAGCCAACTATACCAGTA

F V N A G Q V V T G H L T P Y F L T V C Q P N Y T S T

CAGACTGCCGGGACACACCAGTTCATCAACAATGGCAACATCTGCAGTGGGGACCTGGAAGTGATAGAAAAAGCTCGG

D C R A H H Q F I N N G N I C T G D L E V I E K A R

AGGCTCCTTTCTTCCAAACAGCTTCTCTGASTATTTACTCGCCCTTATATGCCACGATGTACATCACAAGCCAACTCAA

R S F P S K H A C T C T A S T T X S A C C T A T A T C M Y R T R S T R R

GACAAAGACGAGCTGCGCTGCCAAGGCCAGCTCTGCTTCTGGCGACCTCTGTACAGCTTCTGTCAAGCGCTCAATCGG

T K S S S R L A K P V L C L G D L R C T A F R L T G L N R V

FTCAGACTAGCCCAACCATGTTTCAGACGTCTATCGCCGCTTTCATCTCTGCGCCAGCCAGTASSCCTCTTTTSGGGATG

S R Y R N H C S D V R A G G F R L G T A V A L F F L G M

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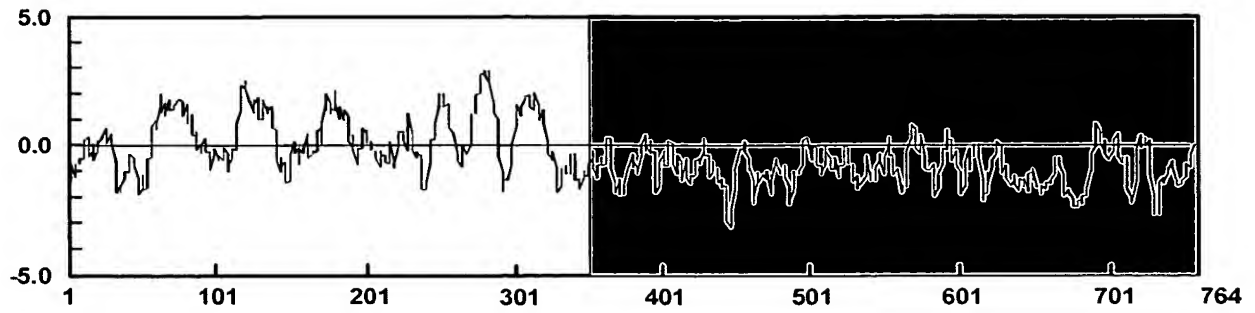
C V V H N F K G T Q G S A S K P K P E D P R G V P L M

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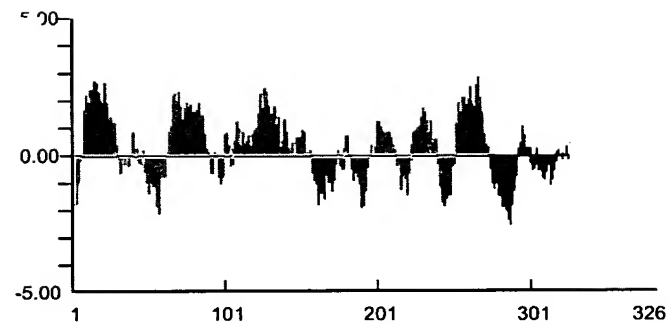
A F P R I E S P L E T L S A Q N H S A S M T E V T

Figure 2

A



B



C

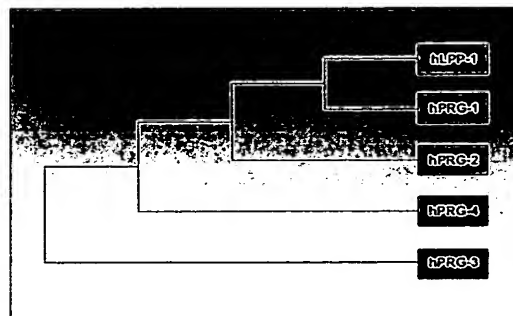


Figure 3

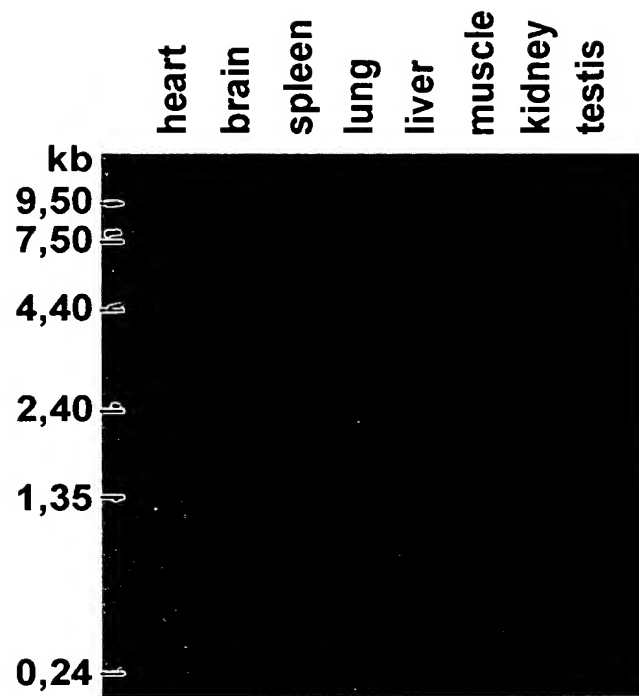


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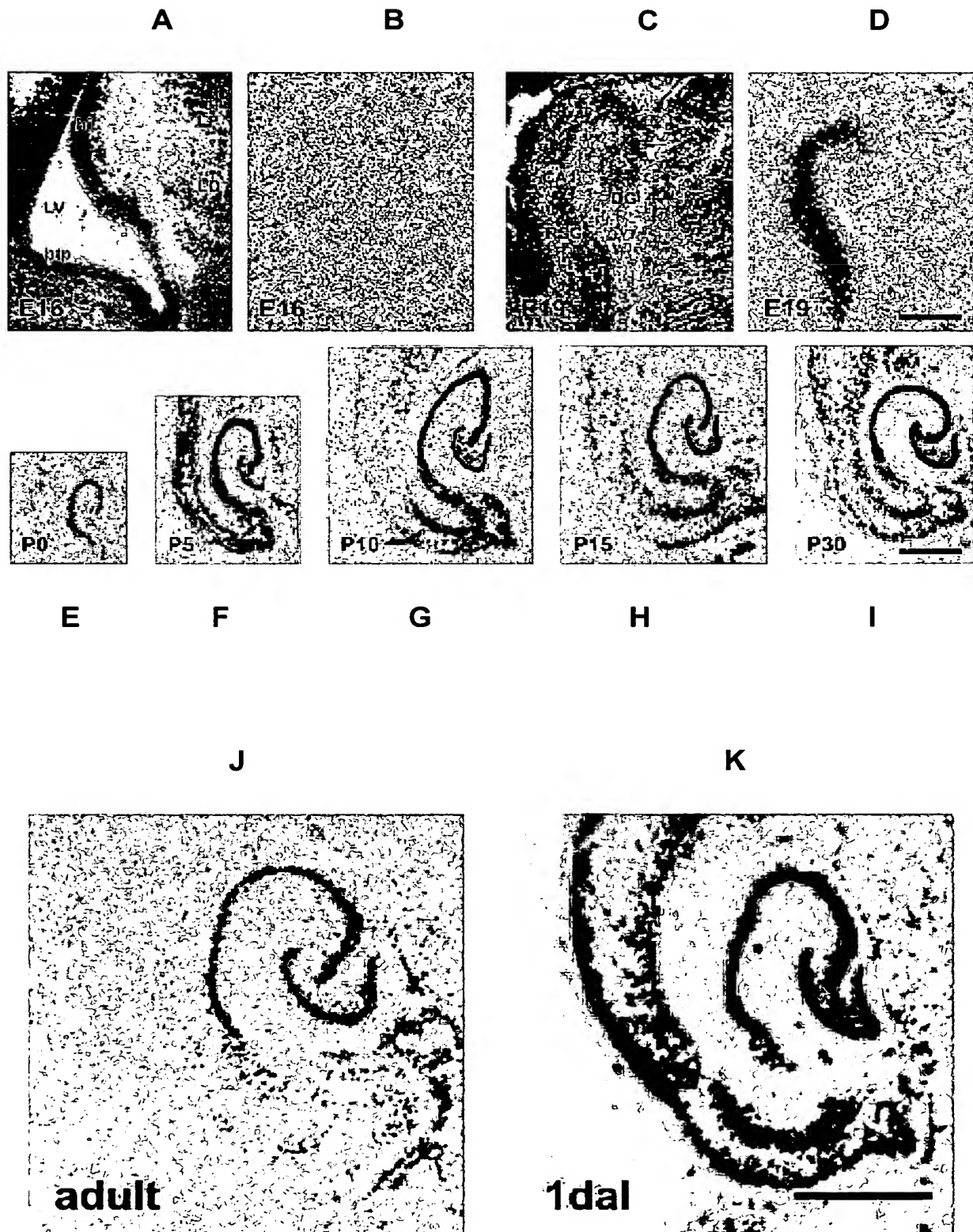


Figure 5

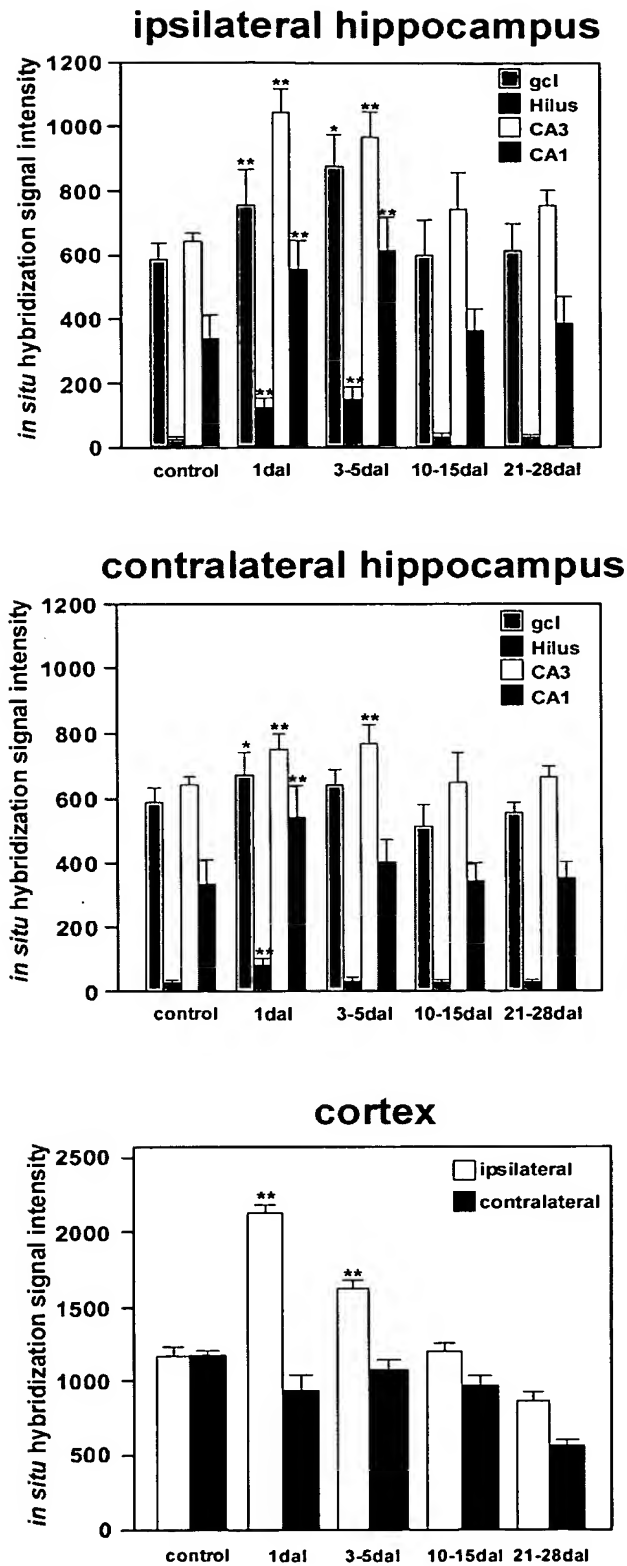
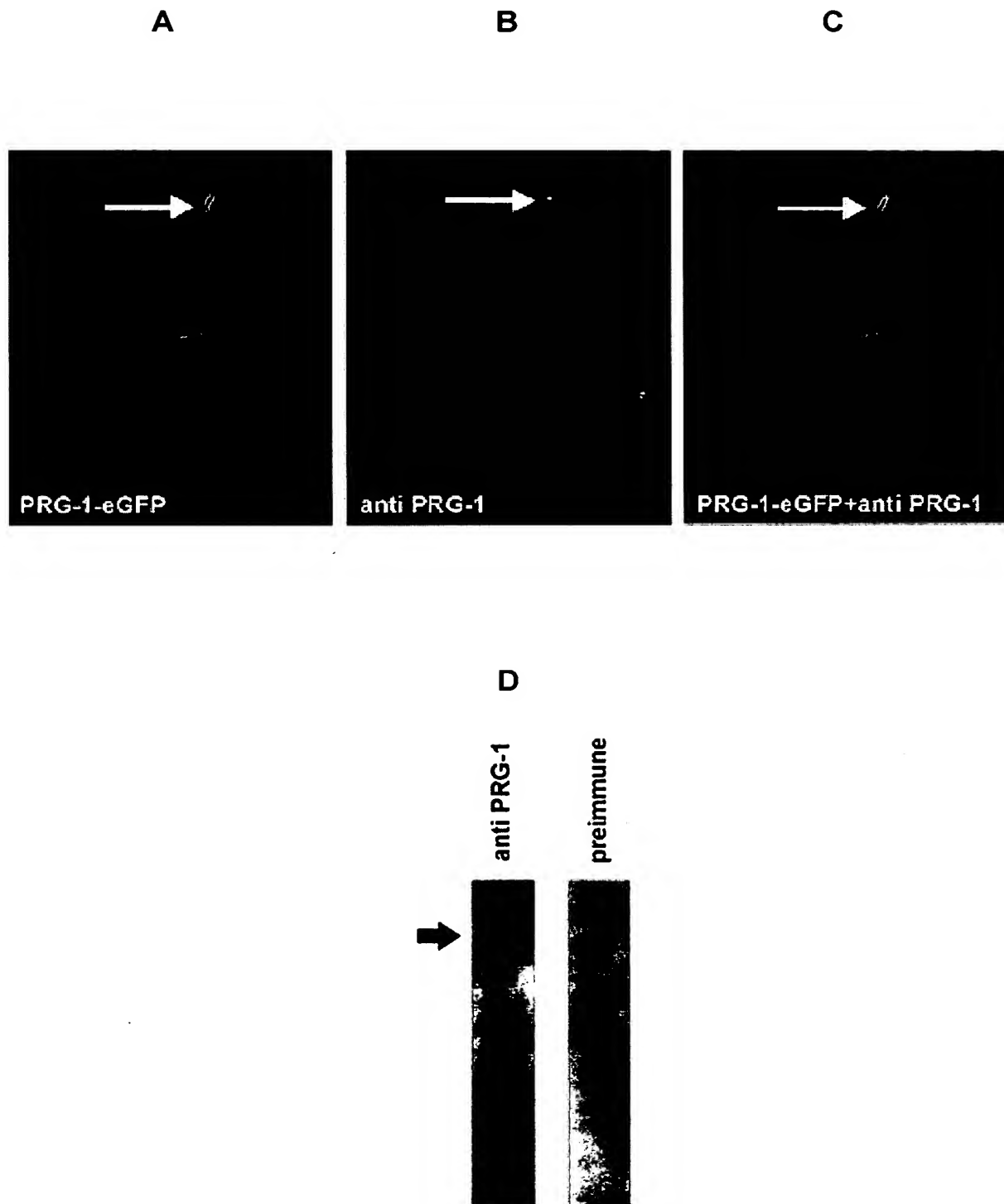


Figure 6



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Figure 7

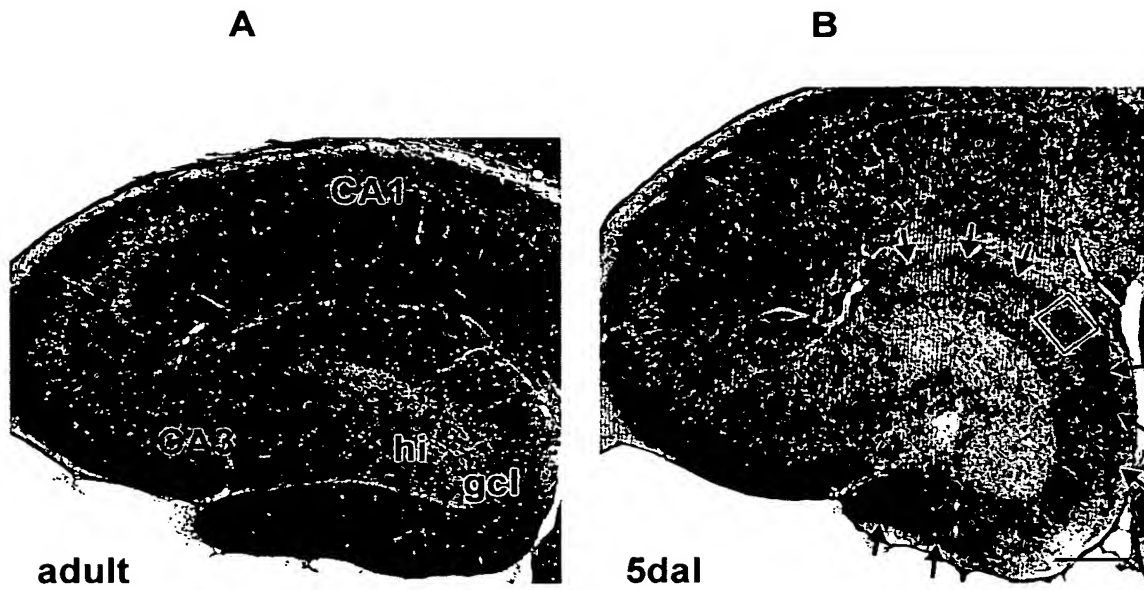
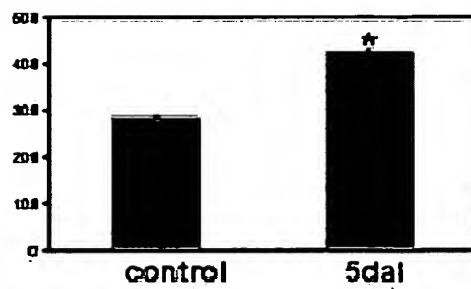
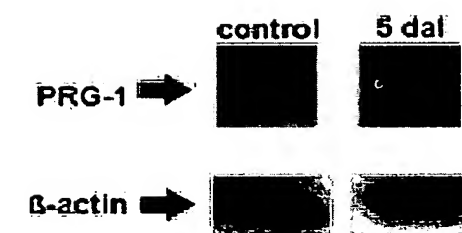
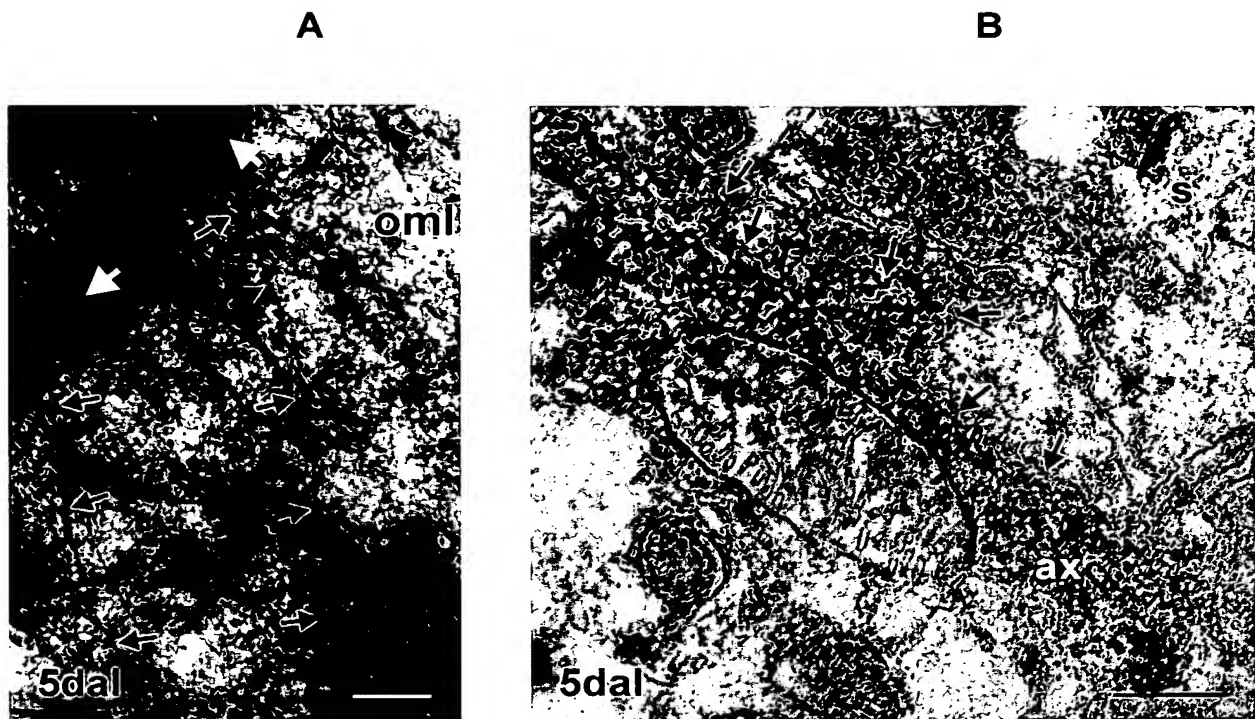
**C**

Figure 8



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Figure 9

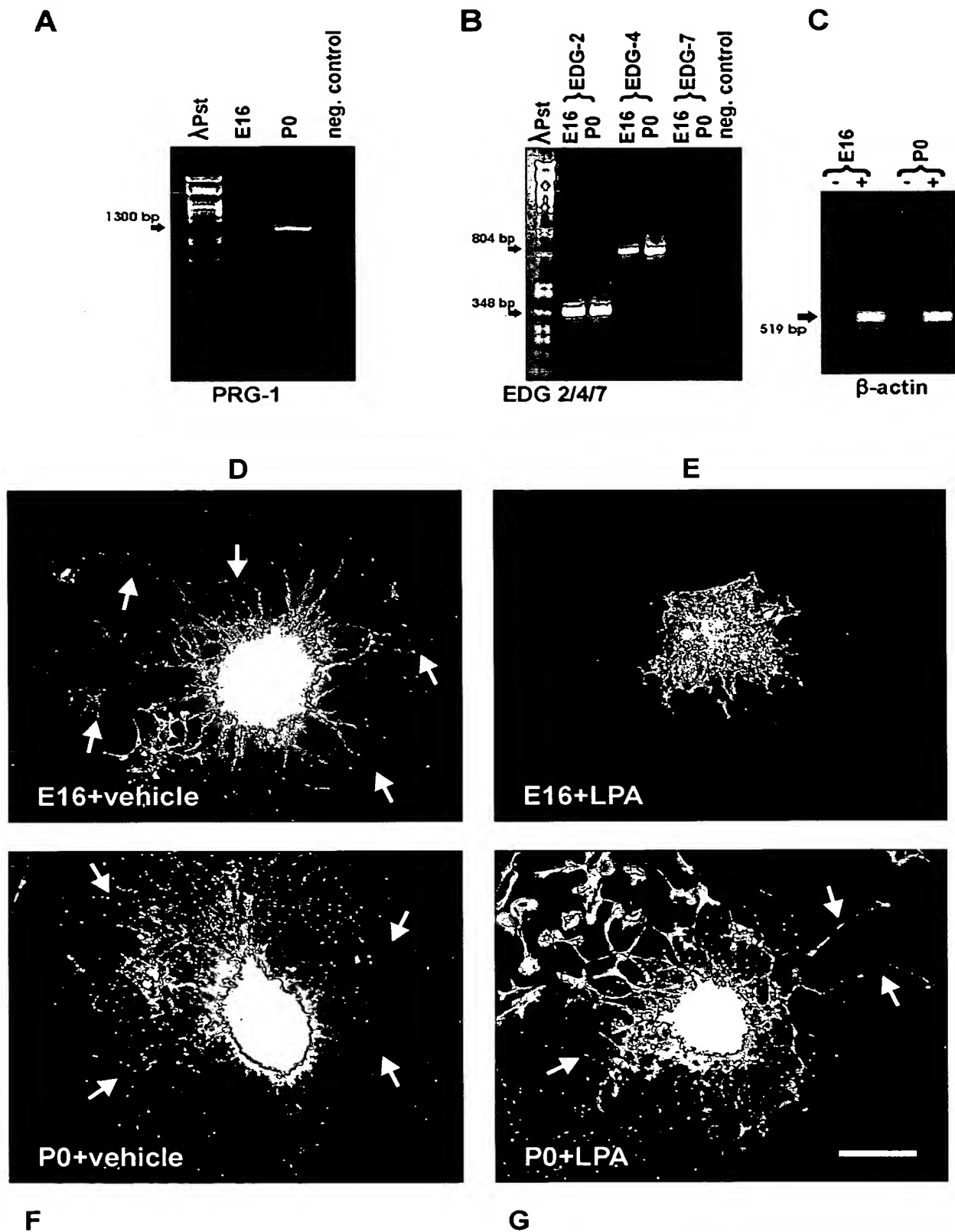


Figure 10

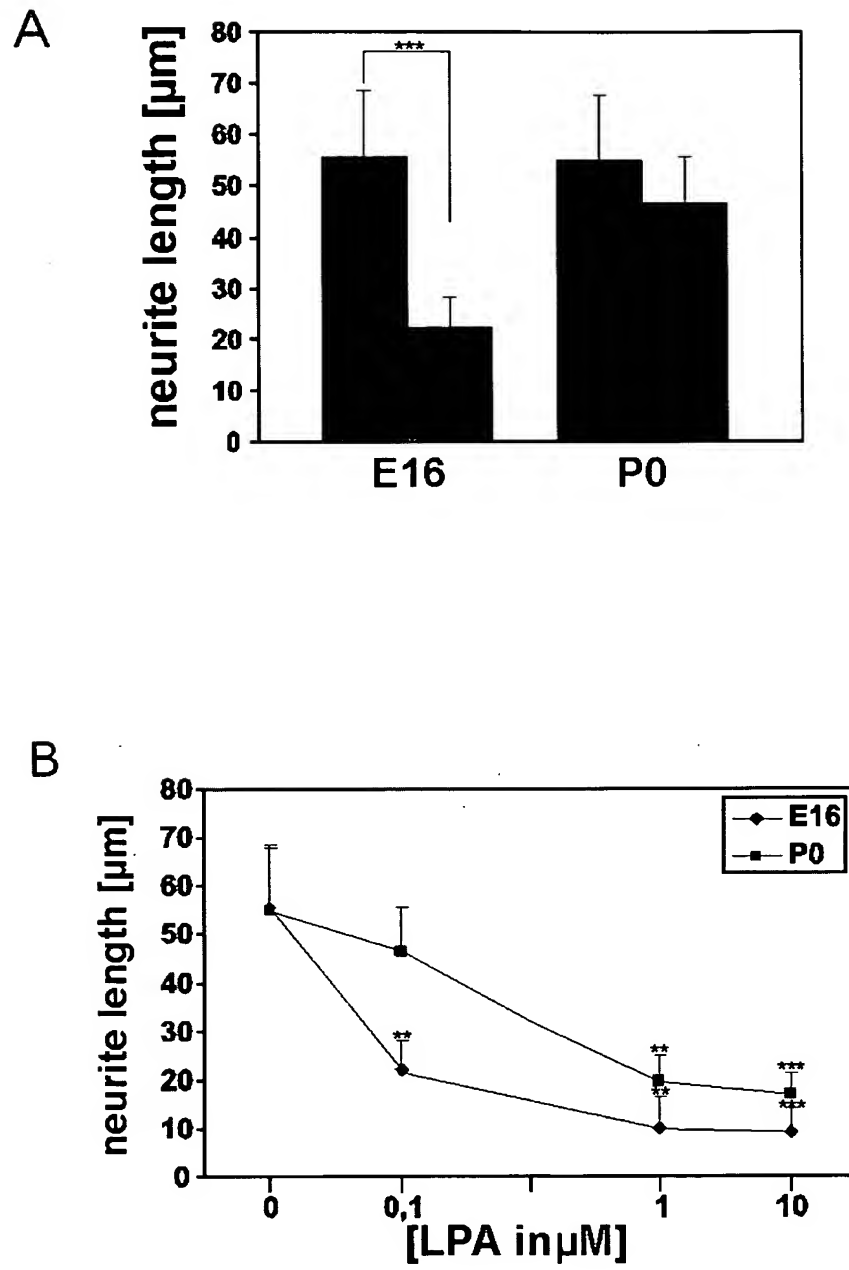
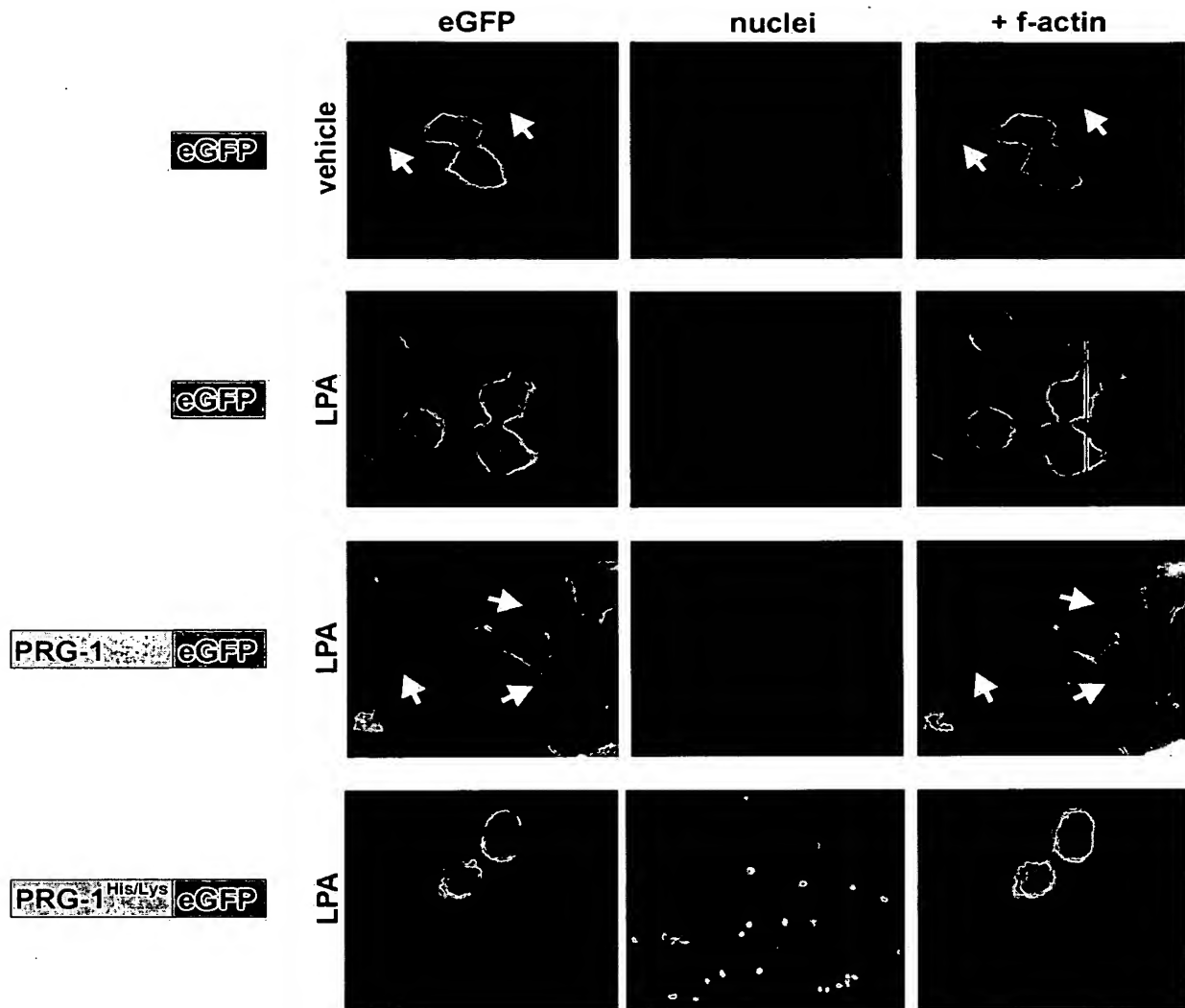


Figure 11



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Figure 12

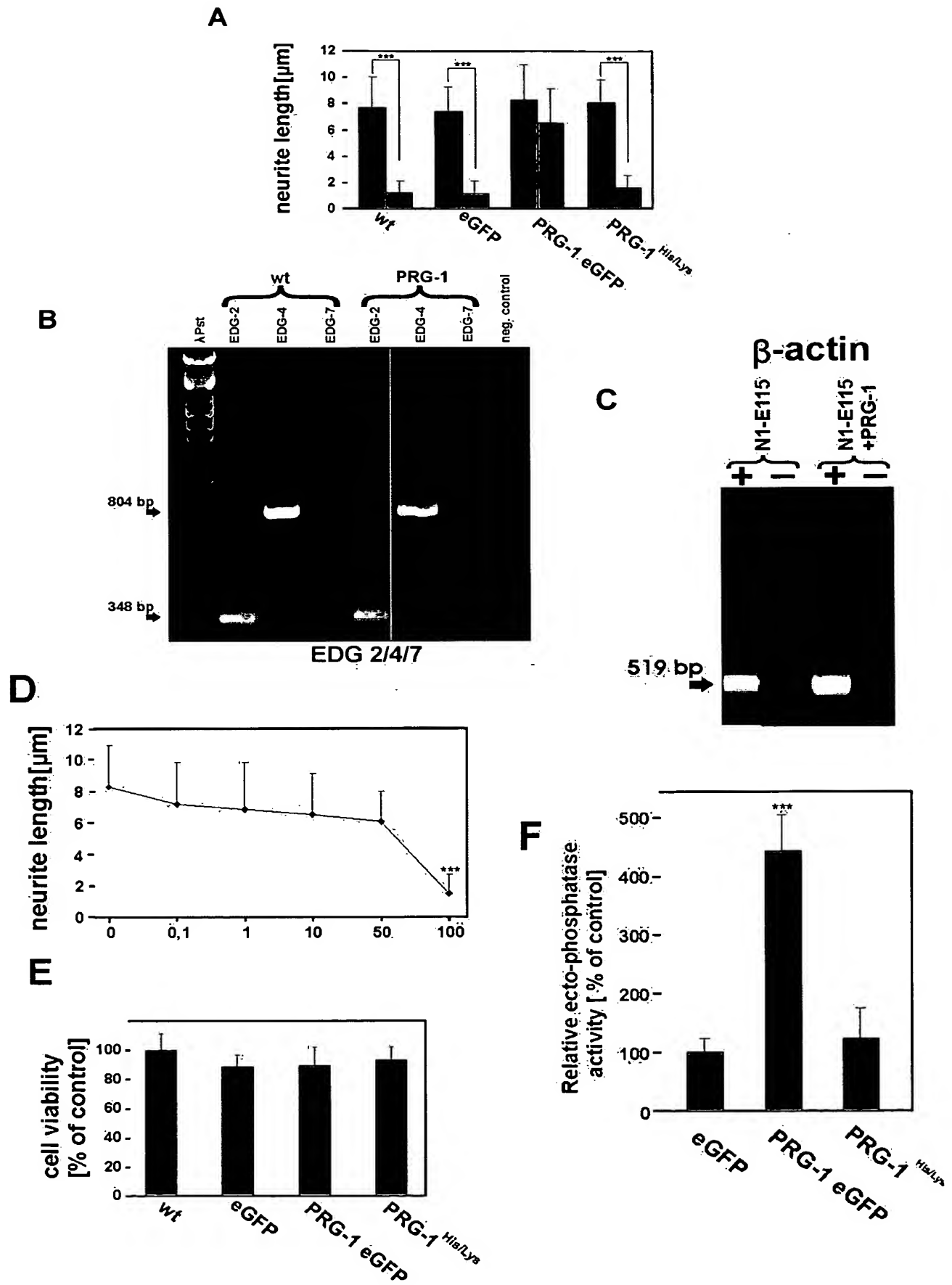
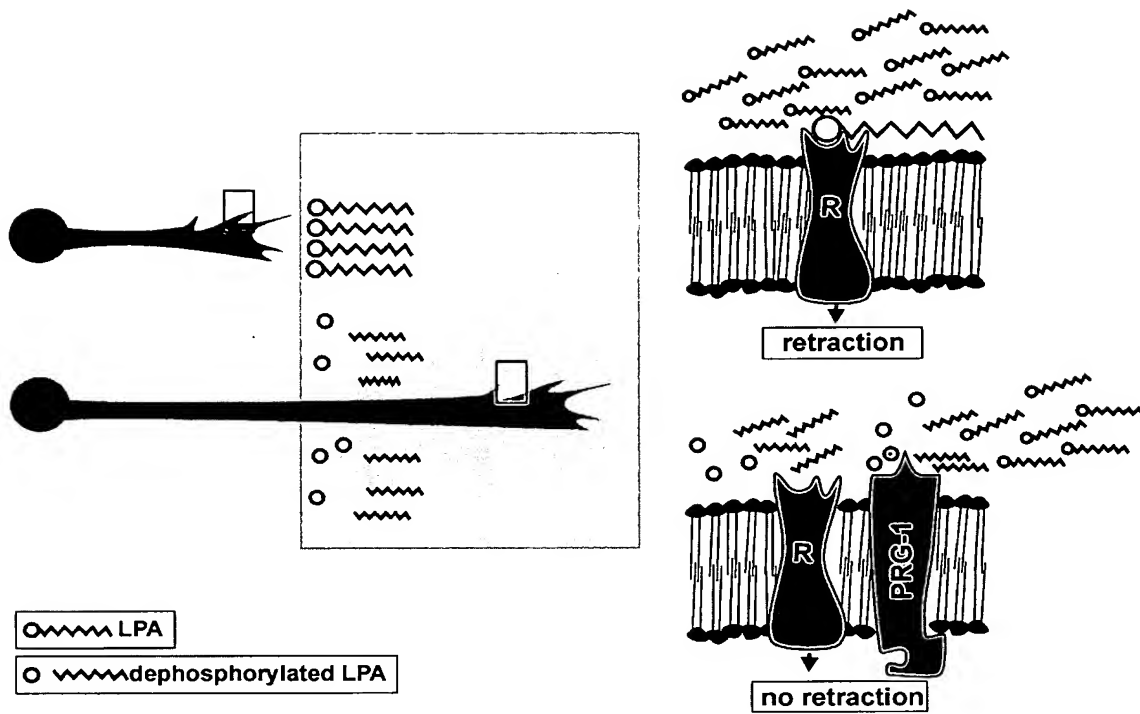


Figure 13



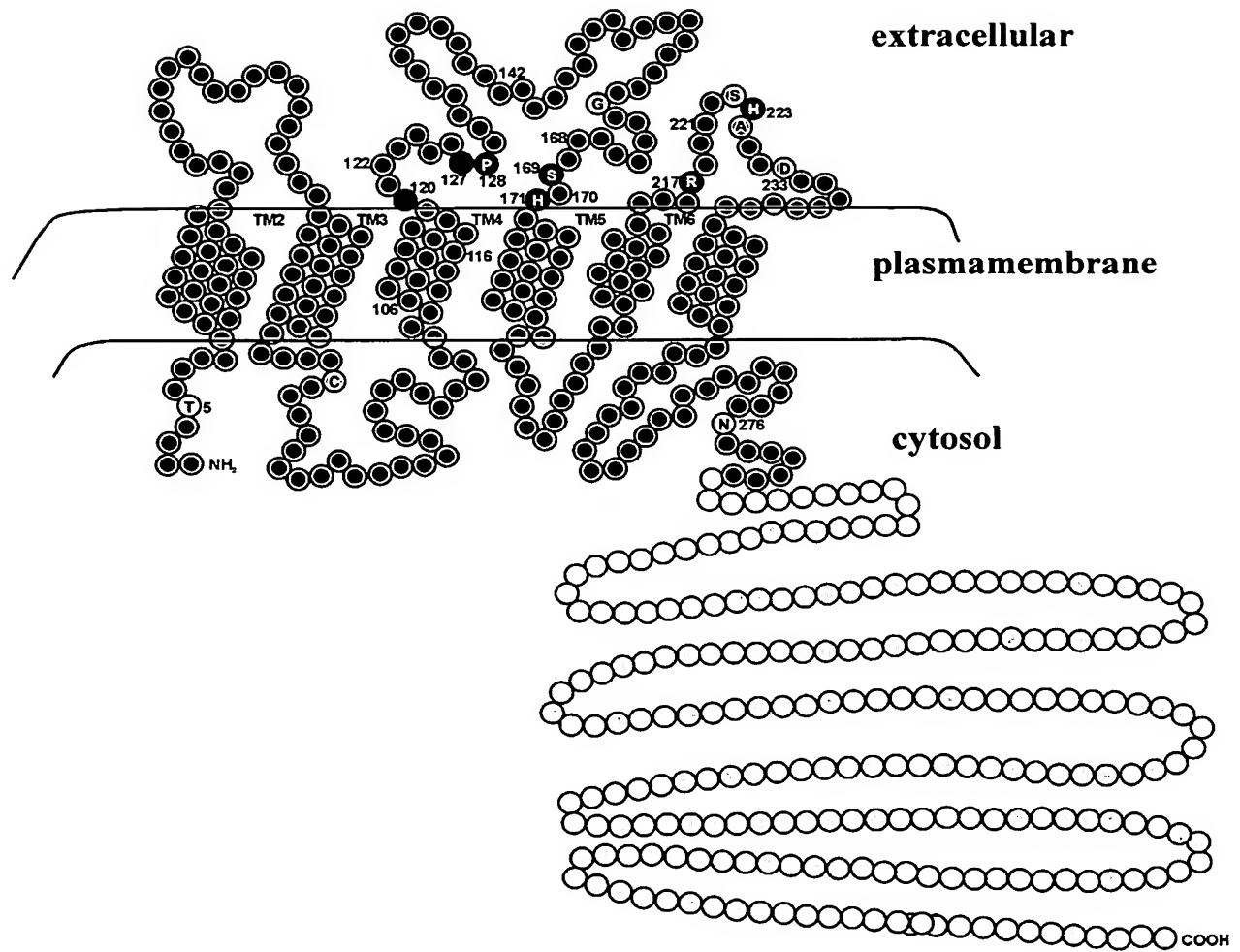


Figure 15

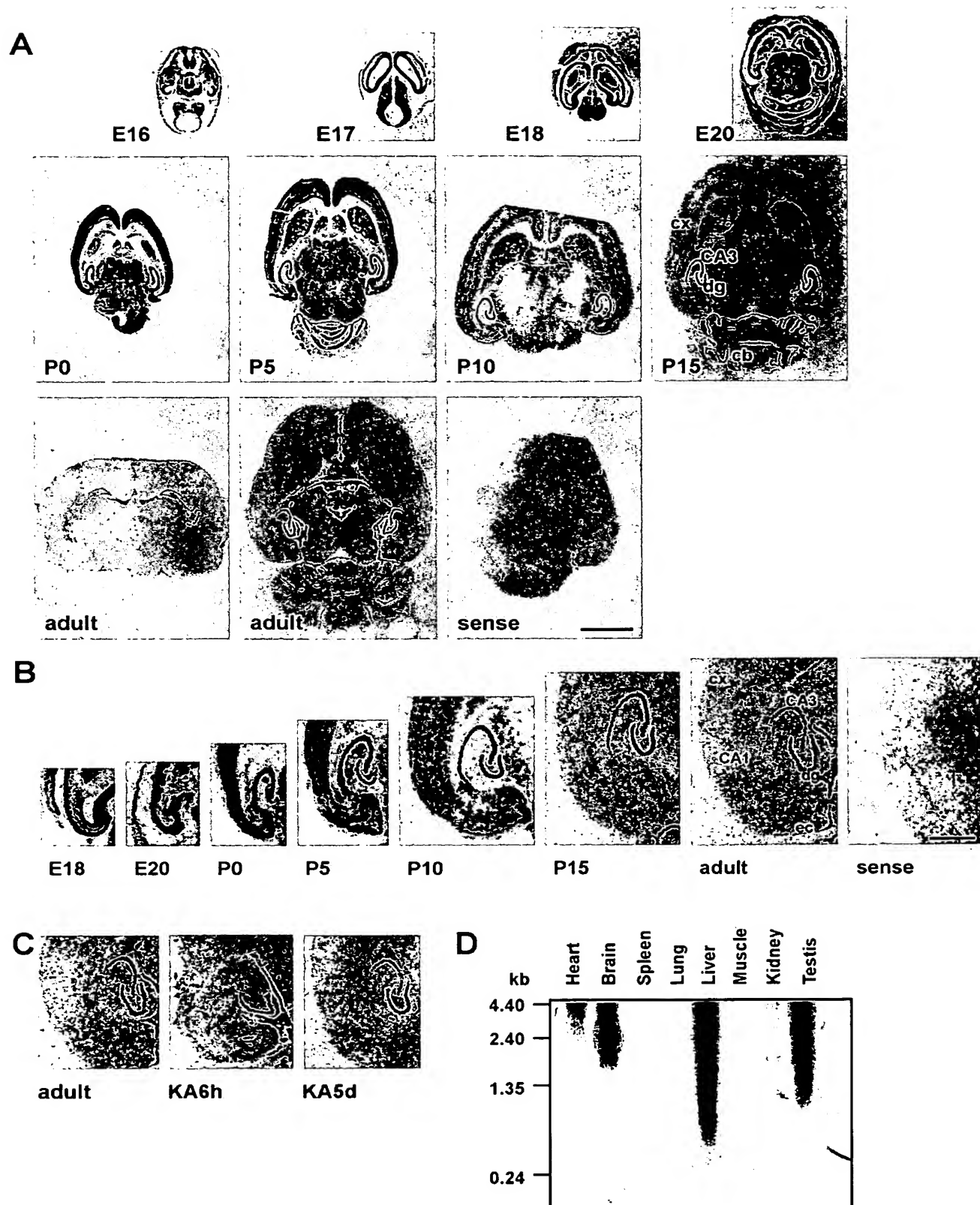


Figure 16

